CLAIMS

What is claimed is:

[c01]   A method of providing communications services, comprising the steps of:

receiving a request for communications service, the request for communications service originating from a client communications device associated with a user, the request for communications service requesting communications service from a service provider;

dynamically assessing in real-time an availability of at least one of i) a communications network operated by the service provider and ii) another communications network operated by another service provider;

ascertaining a best-value scenario of segmentation, dispersion, assemblage, and routing of electronic data to fulfill the request, the best-value scenario maximizing profitability for the service provider; and

providing the communications service to fulfill the request, the communications service provided according to the best-value scenario.

[c02]   A method according to claim 1, further comprising the step of assessing in real-time an availability of network routing in the communications network operated by the service provider.

[c03]   A method according to claim 1, further comprising the step of assessing in real-time an availability of network routing in the another communications network operated by the another service provider.

[c04]   A method according to claim 1, further comprising the step of assessing in real-time an availability of network bandwidth in the communications network operated by the service provider.

[c05] A method according to claim 1, further comprising the step of assessing in real-time an availability of network bandwidth in the another communications network operated by the another service provider.

[c06] A method according to claim 1, wherein the step of ascertaining the best-value scenario comprises ascertaining a lowest-cost scenario for formatting the electronic data according to a characteristic of the client communications device.

[c07] A method according to claim 1, wherein the step of ascertaining the best-value scenario comprises ascertaining a lowest-cost scenario for providing the communications service.

[c08] A method according to claim 1, further comprising the step of accessing a Service Level Agreement, the Service Level Agreement being an agreement defining parameters for the communications service requested by the user.

[c09] A method according to claim 8, wherein the step of ascertaining the best-value scenario comprises maximizing profitability for the service provider while satisfying the Service Level Agreement.

[c10] A method according to claim 1, wherein the step of ascertaining the best-value scenario comprises utilizing the another communications network operated by the another service provider to provide the communications service.

[c11] A method according to claim 1, wherein the step of providing the communications service comprises utilizing the another communications network operated by the another service provider to provide the communications service.

[c12] A method according to claim 1, wherein the step of providing the communications service comprises utilizing at least one of i) a wireline network operated by the another service provider and ii) a wireless network operated by the another service provider.

[c13] A method according to claim 1, wherein the step of providing the communications service comprises utilizing at least one of i) cellular network operated by the another service provider, ii) an I.E.E.E. 802 wireless network operated by the another service provider, iii) a radio frequency (RF) wireless network operated by the another service provider, iv) an Industrial, Scientific, and Medical (ISM) wireless network operated by the another service provider, v) an infrared (IR) wireless network operated by the another service provider, and vi) a wireless network operated by the another service provider using another portion of the electromagnetic spectrum.

[c14] A system, comprising:

a Analysis Module stored in a memory device, the Analysis Module receiving a request for communications service, the request for communications service originating from a client communications device associated with a user, the request for communications service requesting communications service from a service provider, the Analysis Module dynamically assessing in real-time an availability of at least one of i) a communications network operated by the service provider and ii) another communications network operated by another service provider, the Analysis Module ascertaining a best-value scenario of segmentation, dispersion, assemblage, and routing of electronic data to fulfill the request, the best-value scenario maximizing profitability for the service provider, the Analysis Module providing the communications service to fulfill the request, the communications service provided according to the best-value scenario; and

a processor communicating with the memory device.

[c15] A computer program product, comprising:

a computer-readable medium; and

a Analysis Module stored on the computer-readable medium, the Analysis Module receiving a request for communications service, the request for communications service originating from a client communications device associated with a user, the request for communications service requesting communications service from a service provider, the Analysis Module dynamically assessing in real-time an availability of at least one of i) a communications network operated by the service provider and ii) another communications network operated by another service provider, the Analysis Module ascertaining a best-value scenario of segmentation, dispersion, assemblage, and routing of electronic data to fulfill the request, the best-value scenario maximizing profitability for the service provider, the Analysis Module providing the communications service to fulfill the request, the communications service provided according to the best-value scenario.